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E3M10000051E11	EFA201827	E1M10000290F04	ECO103226	S1M10000029G04	SAU802654
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E3M10000052C02	EFA200805	E1M10000291A03	ECO103238	S1M10000029A10	SAU202623
E3M10000052D02	EFA202170	E1M10000291B04	ECO103237	S1M10000029B10	SAU801790
E3M10000052G02	EFA200457	E1M10000291B04	ECO103238	S1M10000029C10	SAU800529
E3M10000052B03	EFA200239	E1M10000291E04	ECO100967	S1M10000029D10	SAU801790
E3M10000052E03	EFA202378	E1M10000291E05	ECO103223	S1M10000029E10	SAU801139
E3M10000052G03	EFA200326	E1M10000291G05	ECO102555	S1M10000029F10	SAU800266
E3M10000052B04	EFA200290	E1M10000291G05	ECO102556	S1M10000029H10	SAU801139

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E3M10000052D05	EFA201888	E1M10000291E07	ECO103866	S1M10000029C12	SAU802070
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E3M10000052G06	EFA202274	E1M10000291B08	ECO103218	S1M10000029F12	SAU800257
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E3M10000052B07	EFA202168	E1M10000291B10	ECO103881	S1M10000030B01	SAU802654
E3M10000052F08	EFA202378	E1M10000291E10	ECO101591	S1M10000030D01	SAU801113
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E3M10000052G09	EFA200326	E1M10000291G11	ECO103264	S1M10000030A02	SAU801181
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E3M10000052D12	EFA202168	E1M10000291H11	ECO204942	S1M10000030E02	SAU801473
1008-H20	ECO100023	E1M10000291B12	ECO103882	S1M10000030H02	SAU802452
1011-P20	ECO100702	E1M10000291F12	ECO103243	S1M10000030B03	SAU802654
1053-37	ECO101256	E1M10000293B01	ECO103885	S1M10000030C03	SAU800275
1053-37	ECO202228	E1M10000293B02	ECO104093	S1M10000030D03	SAU801473
1010-C11	ECO101324	E1M10000293G02	ECO103886	S1M10000030G03	SAU800542
1017-H1	ECO304472	E1M10000293A04	ECO100402	S1M10000030H03	SAU800232
1067-16	ECO102309	E1M10000293B04	ECO103886	S1M10000030C04	SAU800526
1083-27	ECO102636	E1M10000293A05	ECO100095	S1M10000030A05	SAU800478
1065-12	ECO102557	E1M10000293E05	ECO103223	S1M10000030B05	SAU801256
221-41	ECO103884	E1M10000293E05	ECO103224	S1M10000030C05	SAU800526
B17-6.O10	ECO103884	E1M10000293G05	ECO103243	S1M10000030D05	SAU800759
910-B20	ECO103884	E1M10000293A06	ECO101175	S1M10000030D05	SAU302793
B18-2.N21	ECO100148	E1M10000293H06	ECO102654	S1M10000030G05	SAU800776
971-B20	ECO103240	E1M10000293F07	ECO101095	S1M10000030G05	SAU800777
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D1-1.A15	ECO103394	E1M10000293E08	ECO101939	S1M10000030D06	SAU800189
4-28.1	ECO101485	E1M10000293G08	ECO103101	S1M10000030E06	SAU801257
D1-2.B13	ECO102255	E1M10000293B09	ECO103181	S1M10000030B07	SAU802627
D1-2.P21	ECO102144	E1M10000293G09	ECO102144	S1M10000030D07	SAU800189
Z56-D2	ECO103911	E1M10000293H09	ECO100094	S1M10000030G07	SAU802247
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R1-15.A13	ECO101995	E1M10000293E11	ECO103242	S1M10000030F08	SAU802231
R1-19.H1	ECO101104	E1M10000293F11	ECO104091	S1M10000030F08	SAU802230
R1-55.M2	ECO103884	E1M10000293F11	ECO104092	S1M10000030G08	SAU802250
Z45-F11	ECO103263	E1M10000293C12	ECO100170	S1M10000030A09	SAU801719
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709-F23	ECO101506	E1M10000295G01	ECO103532	S1M10000030F09	SAU801904
801-C15	ECO100488	E1M10000295G01	ECO103533	S1M10000030G09	SAU800542
801-C15	ECO100490	E1M10000295B02	ECO101635	S1M10000030H09	SAU801644
801-C15	ECO100491	E1M10000295E02	ECO103217	S1M10000030A10	SAU802309
801-H19	ECO100488	E1M10000295E02	ECO103218	S1M10000030A10	SAU802308
801-H19	ECO100490	E1M10000295F02	ECO100169	S1M10000030C10	SAU800562

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804-P6	ECO102513	E1M10000295A07	ECO100712	S1M10000030F10	SAU800019
807-D20	ECO100366	E1M10000295B07	ECO100179	S1M10000030G10	SAU800019
807-D20	ECO100367	E1M10000295B07	ECO100180	S1M10000030H10	SAU802654
B13-17.G8	ECO101111	E1M10000295C07	ECO103224	S1M10000030A11	SAU800517
B5-6.C8	ECO101475	E1M10000295C07	ECO103225	S1M10000030A11	SAU202623
B5-6.C8	ECO101476	E1M10000295C07	ECO103226	S1M10000030D11	SAU800517
B5-6.C8	ECO201962	E1M10000295D08	ECO103225	S1M10000030D11	SAU202623
B8-2.D9	ECO103461	E1M10000295D08	ECO103226	S1M10000030E11	SAU802241
B15-8.P13	ECO101328	E1M10000295F08	ECO103160	S1M10000030G11	SAU800811
B15-8.P13	ECO101329	E1M10000295G08	ECO103217	S1M10000030C12	SAU801647
T13-5.A2	ECO103059	E1M10000295G08	ECO103218	S1M10000030C12	SAU801646
T12-3.I11	ECO102857	E1M10000295B09	ECO103236	S1M10000030E12	SAU800537
T20-15.D4	ECO101475	E1M10000295F09	ECO103881	S1M10000030G12	SAU801526
T20-15.D4	ECO101476	E1M10000295F09	ECO103882	S1M10000031B01	SAU802240
T20-15.D4	ECO201962	E1M10000295G09	ECO103263	S1M10000031H01	SAU800023
T24-15.G6	ECO103059	E1M10000295D10	ECO103101	S1M10000031B02	SAU802247
T24-17.C6	ECO102857	E1M10000295H10	ECO103263	S1M10000031E02	SAU801912
244.B12	ECO101763	E1M10000295B11	ECO103229	S1M10000031F02	SAU802231
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244.B12	ECO101765	E1M10000295G12	ECO103494	S1M10000031G02	SAU802235
1042-J1	ECO100702	E1M10000312D11	ECO104091	S1M10000031G02	SAU802234
1042-J1	ECO100703	E1M10000312D11	ECO104092	S1M10000031H02	SAU801355
195.F5	ECO102842	E1M10000296B01	ECO102304	S1M10000031A03	SAU802250
25.D5	ECO103059	E1M10000296C02	ECO102466	S1M10000031E03	SAU801134
25.D6	ECO103059	E1M10000296C02	ECO102467	S1M10000031E03	SAU801135
177.F3	ECO102309	E1M10000296D02	ECO103235	S1M10000031F03	SAU802240
525.H11	ECO102857	E1M10000296D02	ECO103236	S1M10000031G03	SAU801505
632.N2	ECO104277	E1M10000296D02	ECO103237	S1M10000031A04	SAU801434
633.B7	ECO103479	E1M10000296H02	ECO102556	S1M10000031A04	SAU302892
671.I20	ECO103478	E1M10000296C03	ECO100150	S1M10000031B04	SAU800543
676.B12	ECO103479	E1M10000296C03	ECO100151	S1M10000031C04	SAU800738
643.B19	ECO100702	E1M10000296E03	ECO101086	S1M10000031C04	SAU800737
720.O16	ECO103884	E1M10000296H03	ECO103227	S1M10000031E04	SAU800542
666.H12	ECO103478	E1M10000296H03	ECO103228	S1M10000031F04	SAU801517
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98.D4	ECO103263	E1M10000296G04	ECO102144	S1M10000031G04	SAU302611
844.B21	ECO102144	E1M10000296F05	ECO103886	S1M10000031G04	SAU302882
P31-25.F3	ECO101686	E1M10000296G05	ECO101467	S1M10000031F05	SAU800548
P335-8.H8	ECO101041	E1M10000296H05	ECO103094	S1M10000031D06	SAU801526
P347.2	ECO101086	E1M10000296A06	ECO100194	S1M10000031G06	SAU800548
P31-11-J20	ECO103228	E1M10000296A06	ECO100195	S1M10000031H06	SAU600582
P336-14.F20	ECO101370	E1M10000296G07	ECO102827	S1M10000031C07	SAU801760
P31-27-M1	ECO103423	E1M10000296G07	ECO102828	S1M10000031D07	SAU801181
P338-4.M21	ECO100139	E1M10000296H07	ECO103220	S1M10000031E07	SAU800016
P334-8.L7	ECO101256	E1M10000296H07	ECO103221	S1M10000031A08	SAU802365
P31-2-E16	ECO101686	E1M10000296E08	ECO100886	S1M10000031D08	SAU801790
P335-3.J14	ECO100523	E1M10000296F08	ECO103218	S1M10000031E08	SAU800547
P334-5.H2	ECO100139	E1M10000296G08	ECO103734	S1M10000031F08	SAU801264
P31-33-N2	ECO103241	E1M10000296H08	ECO100809	S1M10000031C09	SAU801193
P332-11.C20	ECO102827	E1M10000296H08	ECO100810	S1M10000031D09	SAU800019
P332-11.C20	ECO102828	E1M10000296A09	ECO100194	S1M10000031G09	SAU800006
869.A23	ECO100390	E1M10000296B11	ECO103229	S1M10000031H09	SAU801599

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P326-9.K2	ECO103293	E1M10000296F12	ECO101684	S1M10000031E10	SAU800001
P323-8.P1	ECO101685	E1M10000296G12	ECO100095	S1M10000031F10	SAU800244
P35-8	ECO103692	E1M10000298C01	ECO101438	S1M10000031G10	SAU800962
P36-13.E2	ECO103059	E1M10000298G01	ECO104148	S1M10000031A11	SAU801741
P38-1.G20	ECO102227	E1M10000298G01	ECO104149	S1M10000031B11	SAU801908
P327-50.M10	ECO103242	E1M10000298G02	ECO102636	S1M10000031C11	SAU802152
P327-50.M10	ECO103243	E1M10000298C03	ECO103238	S1M10000031F11	SAU800312
P328-8.D21	ECO103240	E1M10000298C03	ECO103239	S1M10000031G11	SAU801234
P328-8.D21	ECO103241	E1M10000298D03	ECO103886	S1M10000031H11	SAU800962
P328-20.P20	ECO100541	E1M10000298H03	ECO103262	S1M10000031B12	SAU801621
P33-1.C22	ECO103227	E1M10000298H03	ECO103878	S1M10000031C12	SAU801741
X3S107-17	ECO101475	E1M10000298H03	ECO204942	S1M10000031E12	SAU801275
X3S107-17	ECO101476	E1M10000298E04	ECO100430	S1M10000031F12	SAU800244
X3S107-17	ECO201962	E1M10000298E04	ECO100431	S1M10000032B01	SAU802654
P35-7	ECO103928	E1M10000298H04	ECO100809	S1M10000032C01	SAU800548
X3S118-9	ECO103263	E1M10000298H04	ECO100808	S1M10000032F01	SAU800525
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X3S204-7	ECO103238	E1M10000298C05	ECO103235	S1M10000032H01	SAU802112
X3S177-4	ECO101161	E1M10000298C05	ECO103236	S1M10000032H01	SAU802111
P342-3	ECO102104	E1M10000298D05	ECO101539	S1M10000032E02	SAU801096
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SC13.1	ECO101347	E1M10000298D06	ECO103886	S1M10000032A03	SAU802686
SC13.1	ECO101348	E1M10000298G06	ECO100096	S1M10000032C03	SAU800771
MC9.6	ECO102929	E1M10000298B07	ECO100095	S1M10000032D03	SAU801235
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E1M10000226D08	ECO101753	S1M10000004F06	SAU800152	S1M10000048H04	SAU802586
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E1M10000226E10	ECO102714	S1M10000004F07	SAU801683	S1M10000048F05	SAU801184
E1M10000226G11	ECO103244	S1M10000004G07	SAU801644	S1M10000048G05	SAU800542
E1M10000226B12	ECO101916	S1M10000004G07	SAU801643	S1M10000048H05	SAU800546
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E1M10000227E03	ECO100975	S1M10000004B08	SAU200535	S1M10000048B06	SAU801184
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E1M10000227E11	ECO103723	S1M10000004A12	SAU801208	S1M10000048A09	SAU800547
E1M10000227E11	ECO103724	S1M10000004C12	SAU800519	S1M10000048C09	SAU800548
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E1M10000227D12	ECO104144	S1M10000004E12	SAU800528	S1M10000048F09	SAU802238
E1M10000232H02	ECO103235	S1M10000004F12	SAU801900	S1M10000048H09	SAU800546

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E1M10000232B03	ECO101324	S1M10000005C01	SAU802496	S1M10000048C10	SAU800367
E1M10000232H03	ECO103097	S1M10000005E01	SAU800996	S1M10000048D10	SAU802590
E1M10000232C07	ECO100170	S1M10000005B02	SAU802243	S1M10000048E10	SAU802590
E1M10000232F07	ECO103797	S1M10000005D02	SAU800519	S1M10000048G10	SAU802238
E1M10000232F07	ECO103798	S1M10000005E02	SAU802655	S1M10000048H10	SAU802240
E1M10000232G07	ECO104010	S1M10000005F02	SAU801644	S1M10000048A11	SAU802224
E1M10000232A08	ECO100850	S1M10000005F02	SAU801643	S1M10000048C11	SAU802217
E1M10000232G08	ECO100875	S1M10000005A03	SAU802310	S1M10000048D11	SAU802090
E1M10000232G12	ECO102636	S1M10000005D03	SAU800548	S1M10000048F11	SAU802496
E1M10000233C01	ECO103886	S1M10000005F03	SAU802262	S1M10000048G11	SAU801186
E1M10000233A03	ECO100784	S1M10000005B04	SAU801183	S1M10000048H11	SAU801139
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E1M10000233H03	ECO103239	S1M10000005F04	SAU800362	S1M10000048D12	SAU800249
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E1M10000233A05	ECO102553	S1M10000005D05	SAU801644		

Table IC provides a cross reference between PathoSeq Gene Loci listed in Table IB and the SEQ ID NOs. of the corresponding PathoSeq polypeptides and the SEQ ID NOs. of the nucleic acids which encode them. The Gene Locus IDs provided in Table IC each comprise a nine digit alpha-numeric identifier that can be used to determine the organism from which each Gene Locus and corresponding SEQ ID NOs. were identified. Specifically, the first letter of the Gene Locus ID corresponds to the first letter of the genus name of the organism described herein from which the Gene Locus was identified and the second and third letters of the Gene Locus ID correspond to the first two letters of the species name of this organism. For example, the identifier EFA205257 describes a gene locus identified from *Enterococcus faecalis*. In those instances where the three letter identifier is the same for different organisms, the exact identity of the organism which corresponds to the Gene Locus ID can be determined by referring to the organism designation in the sequence listing for the coding nucleic acid or polypeptide SEQ ID NO. that corresponds to the particular Gene Locus ID.

TABLE IC

DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
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6216	42400	EFA205225	18278	54462	CJU100855	30339	66523	PAE203656
6217	42401	EFA201977	18279	54463	CJU100856	30340	66524	PAE203658
6218	42402	EFA203137	18280	54464	CJU100859	30341	66525	PAE203668
6219	42403	EFA200840	18281	54465	CJU100860	30342	66526	PAE203670
6220	42404	EFA202003	18282	54466	CJU100861	30343	66527	PAE203672
6221	42405	EFA200807	18283	54467	CJU100862	30344	66528	PAE203677
6222	42406	EFA200811	18284	54468	CJU100863	30345	66529	PAE203684
6223	42407	EFA201987	18285	54469	CJU100866	30346	66530	PAE203691
6224	42408	EFA201980	18286	54470	CJU100870	30347	66531	PAE203698
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6226	42410	EFA205229	18288	54472	CJU100872	30349	66533	PAE203732
6227	42411	EFA201028	18289	54473	CJU100885	30350	66534	PAE203735
6228	42412	EFA201993	18290	54474	CJU100886	30351	66535	PAE203739
6229	42413	EFA201974	18291	54475	CJU100888	30352	66536	PAE203740
6230	42414	EFA201975	18292	54476	CJU100890	30353	66537	PAE203741
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6232	42416	EFA200839	18294	54478	CJU100896	30355	66539	PAE203743
6233	42417	EFA201985	18295	54479	CJU100903	30356	66540	PAE203744
6234	42418	EFA201984	18296	54480	CJU100923	30357	66541	PAE203751
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6236	42420	EFA202022	18298	54482	CJU100929	30359	66543	PAE203755
6237	42421	EFA202028	18299	54483	CJU100938	30360	66544	PAE203757
6238	42422	EFA202536	18300	54484	CJU100944	30361	66545	PAE203758
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6242	42426	EFA200624	18304	54488	CJU100965	30365	66549	PAE203796
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6244	42428	EFA200812	18306	54490	CJU100967	30367	66551	PAE203799
6245	42429	EFA200660	18307	54491	CJU100970	30368	66552	PAE203800
6246	42430	EFA200661	18308	54492	CJU100980	30369	66553	PAE203801
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6251	42435	EFA200360	18313	54497	CJU100993	30374	66558	PAE203821
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6253	42437	EFA200805	18315	54499	CJU100997	30376	66560	PAE203829
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6256	42440	EFA205255	18318	54502	CJU101006	30379	66563	PAE203869
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6258	42442	EFA104836	18320	54504	CJU101011	30381	66565	PAE203872
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6260	42444	EFA201523	18322	54506	CJU101021	30383	66567	PAE203888
6261	42445	EFA202012	18323	54507	CJU101022	30384	66568	PAE203892
6262	42446	EFA202007	18324	54508	CJU101027	30385	66569	PAE203897
6263	42447	EFA200307	18325	54509	CJU101028	30386	66570	PAE203898
6264	42448	EFA201888	18326	54510	CJU101029	30387	66571	PAE203900
6265	42449	EFA205285	18327	54511	CJU101031	30388	66572	PAE203911

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6268	42452	EFA201611	18330	54514	CJU101046	30391	66575	PAE203920			
6269	42453	EFA201946	18331	54515	CJU101050	30392	66576	PAE203943			
6270	42454	EFA201512	18332	54516	CJU101054	30393	66577	PAE203958			
6271	42455	EFA205288	18333	54517	CJU101059	30394	66578	PAE203967			
6272	42456	EFA203140	18334	54518	CJU101065	30395	66579	PAE203973			
6273	42457	EFA200544	18335	54519	CJU101068	30396	66580	PAE203980			
6274	42458	EFA203904	18336	54520	CJU101072	30397	66581	PAE203984			
6275	42459	EFA202006	18337	54521	CJU101074	30398	66582	PAE203993			
6276	42460	EFA202298	18338	54522	CJU101075	30399	66583	PAE204001			
6277	42461	EFA200326	18339	54523	CJU101080	30400	66584	PAE204004			
6278	42462	EFA200662	18340	54524	CJU101081	30401	66585	PAE204008			
6279	42463	EFA202217	18341	54525	CJU101082	30402	66586	PAE204019			
6280	42464	EFA201869	18342	54526	CJU101094	30403	66587	PAE204027			
6281	42465	EFA203598	18343	54527	CJU101100	30404	66588	PAE204031			
6282	42466	EFA200894	18344	54528	CJU101103	30405	66589	PAE204040			
6283	42467	EFA200613	18345	54529	CJU101106	30406	66590	PAE204042			
6284	42468	EFA202166	18346	54530	CJU101107	30407	66591	PAE204048			
6285	42469	EFA202168	18347	54531	CJU101113	30408	66592	PAE204049			
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6730	42914	ECO100907	18792	54976	CPN201000	30853	67037	PMU100604
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7102	43286	ECO102921	19164	55348	EBC100005	31225	67409	PMU101796			
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7173	43357	ECO103734	19235	55419	EBC100477	31296	67480	PPU100111			
7174	43358	ECO100808	19236	55420	EBC100486	31297	67481	PPU100113			
7175	43359	ECO101539	19237	55421	EBC100487	31298	67482	PPU100120			
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7178	43362	ECO103245	19240	55424	EBC100510	31301	67485	PPU100161			
7179	43363	ECO103246	19241	55425	EBC100514	31302	67486	PPU100174			
7180	43364	ECO102462	19242	55426	EBC100530	31303	67487	PPU100194			
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7183	43367	ECO100255	19245	55429	EBC100545	31306	67490	PPU100215			
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7187	43371	ECO204448	19249	55433	EBC100597	31310	67494	PPU100260			
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7189	43373	ECO104218	19251	55435	EBC100616	31312	67496	PPU100354			
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7191	43375	ECO102363	19253	55437	EBC100628	31314	67498	PPU100405			
7192	43376	ECO100980	19254	55438	EBC100631	31315	67499	PPU100406			
7193	43377	ECO103453	19255	55439	EBC100632	31316	67500	PPU100420			
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7197	43381	ECO102066	19259	55443	EBC100655	31320	67504	PPU100484			
7198	43382	ECO102355	19260	55444	EBC100656	31321	67505	PPU100534			
7199	43383	ECO103000	19261	55445	EBC100663	31322	67506	PPU100559			
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7205	43389	ECO104028	19267	55451	EBC100699	31328	67512	PPU100631			
7206	43390	ECO100475	19268	55452	EBC100702	31329	67513	PPU100633			
7207	43391	ECO104233	19269	55453	EBC100703	31330	67514	PPU100635			
7208	43392	ECO101499	19270	55454	EBC100704	31331	67515	PPU100641			
7209	43393	ECO101671	19271	55455	EBC100706	31332	67516	PPU100647			
7210	43394	ECO100867	19272	55456	EBC100717	31333	67517	PPU100648			
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7214	43398	KPN103883	19276	55460	EBC100767	31337	67521	PPU100810			
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7219	43403	KPN204465	19281	55465	EBC100789	31342	67526	PPU100866			
7220	43404	KPN204464	19282	55466	EBC100804	31343	67527	PPU100873			
7221	43405	KPN201990	19283	55467	EBC100805	31344	67528	PPU100881			
7222	43406	KPN203025	19284	55468	EBC100806	31345	67529	PPU100882			
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7224	43408	KPN203310	19286	55470	EBC100809	31347	67531	PPU100890			
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7226	43410	KPN201549	19288	55472	EBC100814	31349	67533	PPU100917			
7227	43411	KPN203973	19289	55473	EBC100818	31350	67534	PPU100927			
7228	43412	KPN108099	19290	55474	EBC100820	31351	67535	PPU100957			
7229	43413	KPN207255	19291	55475	EBC100826	31352	67536	PPU100970			
7230	43414	KPN203534	19292	55476	EBC100833	31353	67537	PPU101006			
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7235	43419	KPN203146	19297	55481	EBC100870	31358	67542	PPU101059			
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7243	43427	PAE203039	19305	55489	EBC100906	31366	67550	PPU101093			
7244	43428	PAE203038	19306	55490	EBC100908	31367	67551	PPU101099			
7245	43429	PAE204262	19307	55491	EBC100918	31368	67552	PPU101118			
7246	43430	PAE204064	19308	55492	EBC100919	31369	67553	PPU101132			
7247	43431	PAE204269	19309	55493	EBC100920	31370	67554	PPU101135			
7248	43432	PAE204270	19310	55494	EBC100928	31371	67555	PPU101137			
7249	43433	PAE203045	19311	55495	EBC100940	31372	67556	PPU101138			
7250	43434	PAE204248	19312	55496	EBC100948	31373	67557	PPU101140			
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7252	43436	PAE205294	19314	55498	EBC100961	31375	67559	PPU101150			
7253	43437	PAE202311	19315	55499	EBC100964	31376	67560	PPU101155			
7254	43438	PAE203158	19316	55500	EBC100965	31377	67561	PPU101164			
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7258	43442	PAE203152	19320	55504	EBC100976	31381	67565	PPU101173			
7259	43443	PAE203011	19321	55505	EBC100985	31382	67566	PPU101175			
7260	43444	PAE202220	19322	55506	EBC100989	31383	67567	PPU101184			
7261	43445	PAE200714	19323	55507	EBC101014	31384	67568	PPU101189			
7262	43446	PAE105557	19324	55508	EBC101020	31385	67569	PPU101200			
7263	43447	PAE109154	19325	55509	EBC101022	31386	67570	PPU101203			
7264	43448	PAE203009	19326	55510	EBC101030	31387	67571	PPU101233			
7265	43449	PAE204255	19327	55511	EBC101032	31388	67572	PPU101236			
7266	43450	PAE204261	19328	55512	EBC101033	31389	67573	PPU101283			
7267	43451	PAE202582	19329	55513	EBC101035	31390	67574	PPU101372			
7268	43452	PAE200787	19330	55514	EBC101041	31391	67575	PPU101373			
7269	43453	PAE201300	19331	55515	EBC101043	31392	67576	PPU101392			
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7271	43455	PAE200264	19333	55517	EBC101052	31394	67578	PPU101396			
7272	43456	PAE201984	19334	55518	EBC101067	31395	67579	PPU101409			
7273	43457	PAE203066	19335	55519	EBC101072	31396	67580	PPU101423			
7274	43458	PAE203981	19336	55520	EBC101089	31397	67581	PPU101429			
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7277	43461	PAE204242	19339	55523	EBC101097	31400	67584	PPU101455			
7278	43462	PAE204243	19340	55524	EBC101110	31401	67585	PPU101463			
7279	43463	PAE204246	19341	55525	EBC101111	31402	67586	PPU101466			
7280	43464	PAE204247	19342	55526	EBC101113	31403	67587	PPU101491			
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7284	43468	PAE204540	19346	55530	EBC101129	31407	67591	PPU101511			
7285	43469	PAE203928	19347	55531	EBC101139	31408	67592	PPU101525			
7286	43470	PAE205202	19348	55532	EBC101151	31409	67593	PPU101526			
7287	43471	PAE202195	19349	55533	EBC101152	31410	67594	PPU101529			
7288	43472	PAE204067	19350	55534	EBC101153	31411	67595	PPU101541			
7289	43473	PAE203761	19351	55535	EBC101162	31412	67596	PPU101559			
7290	43474	PAE205562	19352	55536	EBC101178	31413	67597	PPU101560			
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7294	43478	PAE200377	19356	55540	EBC101191	31417	67601	PPU101602			
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7301	43485	PAE200641	19363	55547	EBC101214	31424	67608	PPU101751			
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7303	43487	PAE204130	19365	55549	EBC101223	31426	67610	PPU101763			
7304	43488	PAE201461	19366	55550	EBC101229	31427	67611	PPU101764			
7305	43489	PAE202669	19367	55551	EBC101230	31428	67612	PPU101770			
7306	43490	PAE200471	19368	55552	EBC101233	31429	67613	PPU101791			
7307	43491	PAE204668	19369	55553	EBC101239	31430	67614	PPU101810			
7308	43492	PAE204504	19370	55554	EBC101242	31431	67615	PPU101821			
7309	43493	PAE204256	19371	55555	EBC101244	31432	67616	PPU101826			
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7313	43497	PAE201364	19375	55559	EBC101259	31436	67620	PPU101850			
7314	43498	PAE200937	19376	55560	EBC101260	31437	67621	PPU101855			
7315	43499	PAE201397	19377	55561	EBC101263	31438	67622	PPU101878			
7316	43500	PAE201269	19378	55562	EBC101268	31439	67623	PPU101891			
7317	43501	PAE205431	19379	55563	EBC101277	31440	67624	PPU101916			
7318	43502	PAE205502	19380	55564	EBC101279	31441	67625	PPU101949			
7319	43503	PAE201492	19381	55565	EBC101280	31442	67626	PPU101950			
7320	43504	PAE203475	19382	55566	EBC101281	31443	67627	PPU101952			
7321	43505	PAE202632	19383	55567	EBC101282	31444	67628	PPU101954			
7322	43506	PAE201359	19384	55568	EBC101285	31445	67629	PPU101976			
7323	43507	PAE202724	19385	55569	EBC101287	31446	67630	PPU101981			
7324	43508	PAE204241	19386	55570	EBC101290	31447	67631	PPU101984			
7325	43509	PAE203520	19387	55571	EBC101291	31448	67632	PPU101987			
7326	43510	PAE203119	19388	55572	EBC101294	31449	67633	PPU101997			
7327	43511	PAE200320	19389	55573	EBC101295	31450	67634	PPU102000			
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7329	43513	PAE204244	19391	55575	EBC101305	31452	67636	PPU102022			
7330	43514	PAE204245	19392	55576	EBC101306	31453	67637	PPU102025			
7331	43515	PAE200881	19393	55577	EBC101308	31454	67638	PPU102030			
7332	43516	PAE204596	19394	55578	EBC101311	31455	67639	PPU102034			
7333	43517	PAE205311	19395	55579	EBC101317	31456	67640	PPU102036			
7334	43518	PAE204260	19396	55580	EBC101321	31457	67641	PPU102041			
7335	43519	PAE204078	19397	55581	EBC101322	31458	67642	PPU102045			
7336	43520	PAE200649	19398	55582	EBC101332	31459	67643	PPU102062			
7337	43521	PAE205025	19399	55583	EBC101339	31460	67644	PPU102065			
7338	43522	PAE200129	19400	55584	EBC101342	31461	67645	PPU102070			
7339	43523	PAE204510	19401	55585	EBC101345	31462	67646	PPU102082			
7340	43524	PAE201071	19402	55586	EBC101346	31463	67647	PPU102088			
7341	43525	PAE204266	19403	55587	EBC101349	31464	67648	PPU102092			
7342	43526	PAE202145	19404	55588	EBC101352	31465	67649	PPU102113			
7343	43527	PAE202492	19405	55589	EBC101361	31466	67650	PPU102117			
7344	43528	PAE204345	19406	55590	EBC101366	31467	67651	PPU102118			
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7346	43530	PAE201018	19408	55592	EBC101385	31469	67653	PPU102134			
7347	43531	PAE204021	19409	55593	EBC101386	31470	67654	PPU102151			
7348	43532	PAE204705	19410	55594	EBC101388	31471	67655	PPU102160			
7349	43533	PAE202592	19411	55595	EBC101390	31472	67656	PPU102161			
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7353	43537	PAE203873	19415	55599	EBC101405	31476	67660	PPU102173			
7354	43538	PAE203874	19416	55600	EBC101407	31477	67661	PPU102180			
7355	43539	PAE203477	19417	55601	EBC101408	31478	67662	PPU102181			
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7357	43541	PAE205194	19419	55603	EBC101417	31480	67664	PPU102184			
7358	43542	PAE200418	19420	55604	EBC101418	31481	67665	PPU102190			
7359	43543	PAE200417	19421	55605	EBC101419	31482	67666	PPU102196			
7360	43544	PAE204431	19422	55606	EBC101429	31483	67667	PPU102197			
7361	43545	PAE200599	19423	55607	EBC101431	31484	67668	PPU102199			
7362	43546	PAE105774	19424	55608	EBC101433	31485	67669	PPU102202			
7363	43547	PAE203713	19425	55609	EBC101434	31486	67670	PPU102205			
7364	43548	PAE205383	19426	55610	EBC101436	31487	67671	PPU102206			
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7369	43553	PAE202468	19431	55615	EBC101457	31492	67676	PPU102277			
7370	43554	PAE203372	19432	55616	EBC101460	31493	67677	PPU102291			
7371	43555	PAE205388	19433	55617	EBC101468	31494	67678	PPU102301			
7372	43556	PAE203080	19434	55618	EBC101470	31495	67679	PPU102306			
7373	43557	PAE200505	19435	55619	EBC101472	31496	67680	PPU102310			
7374	43558	PAE203482	19436	55620	EBC101473	31497	67681	PPU102313			
7375	43559	PAE205243	19437	55621	EBC101475	31498	67682	PPU102360			
7376	43560	PAE201916	19438	55622	EBC101476	31499	67683	PPU102385			
7377	43561	PAE204767	19439	55623	EBC101480	31500	67684	PPU102410			
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7379	43563	PAE201682	19441	55625	EBC101482	31502	67686	PPU102433			
7380	43564	PAE200120	19442	55626	EBC101483	31503	67687	PPU102549			
7381	43565	PAE204574	19443	55627	EBC101489	31504	67688	PPU102582			
7382	43566	PAE203278	19444	55628	EBC101510	31505	67689	PPU102596			
7383	43567	PAE204273	19445	55629	EBC101518	31506	67690	PPU102659			
7384	43568	PAE204272	19446	55630	EBC101519	31507	67691	PPU102660			
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7386	43570	PAE201875	19448	55632	EBC101521	31509	67693	PPU102678			
7387	43571	PAE202494	19449	55633	EBC101544	31510	67694	PPU102683			
7388	43572	PAE201635	19450	55634	EBC101545	31511	67695	PPU102698			
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8519	44703	ABA100860	20581	56765	ECO103757	32642	68826	PRT102712
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8634	44818	ABA101661	20696	56880	EFA200171	32757	68941	PRT103868
8635	44819	ABA101674	20697	56881	EFA200173	32758	68942	PRT103877
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8639	44823	ABA101740	20701	56885	EFA200193	32762	68946	PRT103927
8640	44824	ABA101766	20702	56886	EFA200201	32763	68947	PRT103939
8641	44825	ABA101768	20703	56887	EFA200202	32764	68948	PRT103954
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8691	44875	ABA102360	20753	56937	EFA200404	32814	68998	PRT104544
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8722	44906	ABA102855	20784	56968	EFA200593	32845	69029	PRT104799
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8729	44913	ABA102927	20791	56975	EFA200646	32852	69036	PRT104849
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8734	44918	ABA103034	20796	56980	EFA200658	32857	69041	PRT104883
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8739	44923	ABA103108	20801	56985	EFA200678	32862	69046	PRT104898
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8744	44928	ABA103247	20806	56990	EFA200701	32867	69051	PRT104914
8745	44929	ABA103339	20807	56991	EFA200703	32868	69052	PRT104931
8746	44930	ABA103347	20808	56992	EFA200704	32869	69053	PRT104944
8747	44931	ABA103427	20809	56993	EFA200707	32870	69054	PRT104948
8748	44932	ABA103514	20810	56994	EFA200710	32871	69055	PRT104969
8749	44933	ABA103520	20811	56995	EFA200711	32872	69056	PRT104973
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8770	44954	ABA103701	20832	57016	EFA200774	32893	69077	PRT105140
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8794	44978	ABA103859	20856	57040	EFA200870	32917	69101	PRT105280
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8800	44984	ABA103937	20862	57046	EFA200896	32923	69107	PRT105337
8801	44985	ABA103947	20863	57047	EFA200904	32924	69108	PRT105340
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8808	44992	ABA104000	20870	57054	EFA200968	32931	69115	PRT105408
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8811	44995	ABA104028	20873	57057	EFA200995	32934	69118	PRT105468
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8813	44997	ABA104052	20875	57059	EFA201006	32936	69120	PRT105481
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8815	44999	ABA104065	20877	57061	EFA201011	32938	69122	PRT105490
8816	45000	ABA104072	20878	57062	EFA201026	32939	69123	PRT105493
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8856	45040	ABA104393	20918	57102	EFA201241	32979	69163	PRT105730
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8947	45131	ABA105082	21009	57193	EFA201665	33070	69254	PSY100319
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8957	45141	ABA105151	21019	57203	EFA201729	33080	69264	PSY100555
8958	45142	ABA105152	21020	57204	EFA201739	33081	69265	PSY100559
8959	45143	ABA105158	21021	57205	EFA201740	33082	69266	PSY100579
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8967	45151	ABA105190	21029	57213	EFA201804	33090	69274	PSY100720
8968	45152	ABA105195	21030	57214	EFA201808	33091	69275	PSY100727
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8977	45161	ABA105278	21039	57223	EFA201844	33100	69284	PSY100837
8978	45162	ABA105298	21040	57224	EFA201845	33101	69285	PSY100848
8979	45163	ABA105304	21041	57225	EFA201849	33102	69286	PSY100871
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9007	45191	ABA105535	21069	57253	EFA202002	33130	69314	PSY101065
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9009	45193	ABA105537	21071	57255	EFA202014	33132	69316	PSY101078
9010	45194	ABA105548	21072	57256	EFA202024	33133	69317	PSY101086
9011	45195	ABA105551	21073	57257	EFA202025	33134	69318	PSY101101
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9014	45198	ABA105572	21076	57260	EFA202035	33137	69321	PSY101154
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9021	45205	ABA105612	21083	57267	EFA202072	33144	69328	PSY101212			
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9038	45222	ABA105759	21100	57284	EFA202162	33161	69345	PSY101307			
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9043	45227	ABA105779	21105	57289	EFA202196	33166	69350	PSY101323			
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9073	45257	ABA106035	21135	57319	EFA202356	33196	69380	PSY101697
9074	45258	ABA106040	21136	57320	EFA202357	33197	69381	PSY101698
9075	45259	ABA106047	21137	57321	EFA202358	33198	69382	PSY101701
9076	45260	ABA106057	21138	57322	EFA202359	33199	69383	PSY101711
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9129	45313	BAN100279	21191	57375	EFA203174	33252	69436	PSY102222
9130	45314	BAN100298	21192	57376	EFA203222	33253	69437	PSY102225
9131	45315	BAN100304	21193	57377	EFA203228	33254	69438	PSY102229
9132	45316	BAN100305	21194	57378	EFA203247	33255	69439	PSY102269
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9134	45318	BAN100334	21196	57380	EFA203405	33257	69441	PSY102320
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9165	45349	BAN100511	21227	57411	EFM100184	33288	69472	PSY102532
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9958	46142	BAN106833	22020	58204	HIN100509	34081	70265	SAU800723
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10943	47127	BBU100416	23005	59189	KPN300132	35066	71250	SEP204230			
10944	47128	BBU100419	23006	59190	KPN300133	35067	71251	SEP204358			
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10946	47130	BBU100430	23008	59192	KPN300143	35069	71253	SHA100009			
10947	47131	BBU100434	23009	59193	KPN300147	35070	71254	SHA100019			
10948	47132	BBU100435	23010	59194	KPN300148	35071	71255	SHA100023			
10949	47133	BBU100436	23011	59195	KPN300161	35072	71256	SHA100024			
10950	47134	BBU100437	23012	59196	KPN300172	35073	71257	SHA100025			
10951	47135	BBU100439	23013	59197	KPN300173	35074	71258	SHA100027			
10952	47136	BBU100440	23014	59198	KPN300176	35075	71259	SHA100035			
10953	47137	BBU100441	23015	59199	KPN300177	35076	71260	SHA100036			
10954	47138	BBU100444	23016	59200	KPN300181	35077	71261	SHA100040			
10955	47139	BBU100445	23017	59201	KPN300184	35078	71262	SHA100041			
10956	47140	BBU100446	23018	59202	KPN300196	35079	71263	SHA100042			
10957	47141	BBU100452	23019	59203	KPN300200	35080	71264	SHA100053			
10958	47142	BBU100453	23020	59204	KPN300202	35081	71265	SHA100054			
10959	47143	BBU100460	23021	59205	KPN300203	35082	71266	SHA100055			
10960	47144	BBU100471	23022	59206	KPN300210	35083	71267	SHA100056			
10961	47145	BBU100475	23023	59207	KPN300213	35084	71268	SHA100057			
10962	47146	BBU100476	23024	59208	KPN300214	35085	71269	SHA100066			
10963	47147	BBU100477	23025	59209	KPN300216	35086	71270	SHA100070			
10964	47148	BBU100478	23026	59210	KPN300218	35087	71271	SHA100072			
10965	47149	BBU100479	23027	59211	KPN300226	35088	71272	SHA100075			
10966	47150	BBU100480	23028	59212	KPN300233	35089	71273	SHA100076			
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10968	47152	BBU100482	23030	59214	KPN300235	35091	71275	SHA100082			
10969	47153	BBU100483	23031	59215	KPN300246	35092	71276	SHA100083			
10970	47154	BBU100484	23032	59216	KPN300252	35093	71277	SHA100085			
10971	47155	BBU100485	23033	59217	KPN300254	35094	71278	SHA100088			
10972	47156	BBU100486	23034	59218	KPN300264	35095	71279	SHA100091			
10973	47157	BBU100487	23035	59219	KPN300265	35096	71280	SHA100092			
10974	47158	BBU100488	23036	59220	KPN300270	35097	71281	SHA100093			
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10976	47160	BBU100490	23038	59222	KPN300274	35099	71283	SHA100105			
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10980	47164	BBU100494	23042	59226	KPN300279	35103	71287	SHA100112			
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10985	47169	BBU100499	23047	59231	KPN300303	35108	71292	SHA100124			
10986	47170	BBU100500	23048	59232	KPN300306	35109	71293	SHA100132			
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10992	47176	BBU100512	23054	59238	KPN300323	35115	71299	SHA100143			
10993	47177	BBU100513	23055	59239	KPN300325	35116	71300	SHA100146			
10994	47178	BBU100517	23056	59240	KPN300326	35117	71301	SHA100148			
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10998	47182	BBU100541	23060	59244	KPN300345	35121	71305	SHA100169			
10999	47183	BBU100543	23061	59245	KPN300355	35122	71306	SHA100170			
11000	47184	BBU100545	23062	59246	KPN300357	35123	71307	SHA100171			
11001	47185	BBU100547	23063	59247	KPN300374	35124	71308	SHA100172			
11002	47186	BBU100551	23064	59248	KPN300375	35125	71309	SHA100177			
11003	47187	BBU100556	23065	59249	KPN300377	35126	71310	SHA100178			
11004	47188	BBU100557	23066	59250	KPN300384	35127	71311	SHA100179			
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11006	47190	BBU100560	23068	59252	KPN300399	35129	71313	SHA100193			
11007	47191	BBU100564	23069	59253	KPN300407	35130	71314	SHA100217			
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11009	47193	BBU100571	23071	59255	KPN300418	35132	71316	SHA100223			
11010	47194	BBU100574	23072	59256	KPN300422	35133	71317	SHA100227			
11011	47195	BBU100578	23073	59257	KPN300423	35134	71318	SHA100232			
11012	47196	BBU100584	23074	59258	KPN300432	35135	71319	SHA100233			
11013	47197	BBU100585	23075	59259	KPN300433	35136	71320	SHA100235			
11014	47198	BBU100586	23076	59260	KPN300435	35137	71321	SHA100236			
11015	47199	BBU100587	23077	59261	KPN300439	35138	71322	SHA100242			
11016	47200	BBU100588	23078	59262	KPN300446	35139	71323	SHA100251			
11017	47201	BBU100589	23079	59263	KPN300448	35140	71324	SHA100255			
11018	47202	BBU100593	23080	59264	KPN300453	35141	71325	SHA100260			
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11020	47204	BBU100598	23082	59266	KPN300457	35143	71327	SHA100265			
11021	47205	BBU100600	23083	59267	KPN300463	35144	71328	SHA100275			
11022	47206	BBU100606	23084	59268	KPN300467	35145	71329	SHA100279			
11023	47207	BBU100611	23085	59269	KPN300479	35146	71330	SHA100281			
11024	47208	BBU100612	23086	59270	KPN300480	35147	71331	SHA100288			
11025	47209	BBU100614	23087	59271	KPN300484	35148	71332	SHA100292			
11026	47210	BBU100615	23088	59272	KPN300488	35149	71333	SHA100294			
11027	47211	BBU100618	23089	59273	KPN300489	35150	71334	SHA100297			
11028	47212	BBU100619	23090	59274	KPN300490	35151	71335	SHA100298			
11029	47213	BBU100622	23091	59275	KPN300491	35152	71336	SHA100310			
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11032	47216	BBU100629	23094	59278	KPN300507	35155	71339	SHA100322			
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11035	47219	BBU100634	23097	59281	KPN300516	35158	71342	SHA100333			
11036	47220	BBU100635	23098	59282	KPN300520	35159	71343	SHA100334			
11037	47221	BBU100638	23099	59283	KPN300522	35160	71344	SHA100337			
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11039	47223	BBU100644	23101	59285	KPN300527	35162	71346	SHA100341			
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11043	47227	BBU100659	23105	59289	KPN300536	35166	71350	SHA100359			
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11046	47230	BBU100679	23108	59292	KPN300544	35169	71353	SHA100368			
11047	47231	BBU100681	23109	59293	KPN300548	35170	71354	SHA100370			
11048	47232	BBU100683	23110	59294	KPN300551	35171	71355	SHA100371			
11049	47233	BBU100684	23111	59295	KPN300573	35172	71356	SHA100373			
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11054	47238	BBU100694	23116	59300	KPN300579	35177	71361	SHA100393
11055	47239	BBU100695	23117	59301	KPN300581	35178	71362	SHA100400
11056	47240	BBU100696	23118	59302	KPN300590	35179	71363	SHA100405
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11059	47243	BBU100703	23121	59305	KPN300596	35182	71366	SHA100412
11060	47244	BBU100705	23122	59306	KPN300605	35183	71367	SHA100413
11061	47245	BBU100709	23123	59307	KPN300609	35184	71368	SHA100415
11062	47246	BBU100711	23124	59308	KPN300612	35185	71369	SHA100418
11063	47247	BBU100714	23125	59309	KPN300615	35186	71370	SHA100419
11064	47248	BBU100719	23126	59310	KPN300616	35187	71371	SHA100424
11065	47249	BBU100720	23127	59311	KPN300622	35188	71372	SHA100433
11066	47250	BBU100723	23128	59312	KPN300629	35189	71373	SHA100436
11067	47251	BBU100726	23129	59313	KPN300636	35190	71374	SHA100437
11068	47252	BBU100729	23130	59314	KPN300638	35191	71375	SHA100441
11069	47253	BBU100731	23131	59315	KPN300639	35192	71376	SHA100442
11070	47254	BBU100736	23132	59316	KPN300640	35193	71377	SHA100443
11071	47255	BBU100737	23133	59317	KPN300648	35194	71378	SHA100447
11072	47256	BBU100741	23134	59318	KPN300649	35195	71379	SHA100448
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11074	47258	BBU100763	23136	59320	KPN300653	35197	71381	SHA100452
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11078	47262	BBU100777	23140	59324	KPN300695	35201	71385	SHA100469
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11092	47276	BBU100803	23154	59338	KPN300756	35215	71399	SHA100506
11093	47277	BBU100804	23155	59339	KPN300758	35216	71400	SHA100509
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11096	47280	BBU100813	23158	59342	KPN300773	35219	71403	SHA100524
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11098	47282	BBU100817	23160	59344	KPN300786	35221	71405	SHA100531
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11109	47293	BCE100052	23171	59355	KPN300847	35232	71416	SHA100570			
11110	47294	BCE100058	23172	59356	KPN300864	35233	71417	SHA100581			
11111	47295	BCE100085	23173	59357	KPN300867	35234	71418	SHA100585			
11112	47296	BCE100092	23174	59358	KPN300868	35235	71419	SHA100587			
11113	47297	BCE100121	23175	59359	KPN300869	35236	71420	SHA100588			
11114	47298	BCE100122	23176	59360	KPN300870	35237	71421	SHA100589			
11115	47299	BCE100150	23177	59361	KPN300871	35238	71422	SHA100594			
11116	47300	BCE100189	23178	59362	KPN300872	35239	71423	SHA100595			
11117	47301	BCE100228	23179	59363	KPN300875	35240	71424	SHA100600			
11118	47302	BCE100234	23180	59364	KPN300876	35241	71425	SHA100601			
11119	47303	BCE100247	23181	59365	KPN300879	35242	71426	SHA100602			
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11123	47307	BCE100299	23185	59369	KPN300885	35246	71430	SHA100631			
11124	47308	BCE100301	23186	59370	KPN300897	35247	71431	SHA100633			
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11128	47312	BCE100403	23190	59374	KPN300918	35251	71435	SHA100640			
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11132	47316	BCE100461	23194	59378	KPN300959	35255	71439	SHA100648			
11133	47317	BCE100467	23195	59379	KPN300966	35256	71440	SHA100649			
11134	47318	BCE100474	23196	59380	KPN300967	35257	71441	SHA100651			
11135	47319	BCE100481	23197	59381	KPN300972	35258	71442	SHA100654			
11136	47320	BCE100512	23198	59382	KPN300973	35259	71443	SHA100656			
11137	47321	BCE100520	23199	59383	KPN300984	35260	71444	SHA100660			
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11139	47323	BCE100542	23201	59385	KPN300997	35262	71446	SHA100663			
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11142	47326	BCE100591	23204	59388	KPN301024	35265	71449	SHA100686			
11143	47327	BCE100645	23205	59389	KPN301038	35266	71450	SHA100687			
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11145	47329	BCE100659	23207	59391	KPN301041	35268	71452	SHA100697			
11146	47330	BCE100669	23208	59392	KPN301044	35269	71453	SHA100698			
11147	47331	BCE100671	23209	59393	KPN301045	35270	71454	SHA100699			
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11149	47333	BCE100693	23211	59395	KPN301048	35272	71456	SHA100711			
11150	47334	BCE100738	23212	59396	KPN301049	35273	71457	SHA100712			
11151	47335	BCE100786	23213	59397	KPN301056	35274	71458	SHA100713			
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11153	47337	BCE100818	23215	59399	KPN301059	35276	71460	SHA100715			
11154	47338	BCE100831	23216	59400	KPN301065	35277	71461	SHA100716			
11155	47339	BCE100840	23217	59401	KPN301066	35278	71462	SHA100718			
11156	47340	BCE100856	23218	59402	KPN301067	35279	71463	SHA100726			
11157	47341	BCE100913	23219	59403	KPN301069	35280	71464	SHA100738			
11158	47342	BCE100919	23220	59404	KPN301083	35281	71465	SHA100744			
11159	47343	BCE100924	23221	59405	KPN301084	35282	71466	SHA100745			
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11163	47347	BCE100962	23225	59409	KPN301095	35286	71470	SHA100761			
11164	47348	BCE100967	23226	59410	KPN301099	35287	71471	SHA100763			
11165	47349	BCE100976	23227	59411	KPN301102	35288	71472	SHA100764			
11166	47350	BCE100985	23228	59412	KPN301109	35289	71473	SHA100765			
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11191	47375	BCE101273	23253	59437	KPN301181	35314	71498	SHA100825			
11192	47376	BCE101287	23254	59438	KPN301199	35315	71499	SHA100826			
11193	47377	BCE101292	23255	59439	KPN301207	35316	71500	SHA100827			
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11246	47430	BCE102110	23308	59492	KPN301429	35369	71553	SHA100990
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11261	47445	BCE102411	23323	59507	KPN301497	35384	71568	SHA101042
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11355	47539	BCE103921	23417	59601	KPN301908	35478	71662	SHA101361			
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11384	47568	BCE104345	23446	59630	KPN302017	35507	71691	SHA101433
11385	47569	BCE104352	23447	59631	KPN302018	35508	71692	SHA101435
11386	47570	BCE104390	23448	59632	KPN302023	35509	71693	SHA101443
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11388	47572	BCE104415	23450	59634	KPN302029	35511	71695	SHA101456
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11390	47574	BCE104439	23452	59636	KPN302041	35513	71697	SHA101462
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11392	47576	BCE104450	23454	59638	KPN302046	35515	71699	SHA101470
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11394	47578	BCE104481	23456	59640	KPN302051	35517	71701	SHA101479
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11397	47581	BCE104528	23459	59643	KPN302070	35520	71704	SHA101486
11398	47582	BCE104584	23460	59644	KPN302079	35521	71705	SHA101487
11399	47583	BCE104632	23461	59645	KPN302083	35522	71706	SHA101488
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11415	47599	BCE104912	23477	59661	KPN302146	35538	71722	SHA101558
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11427	47611	BCE105183	23489	59673	KPN302210	35550	71734	SHA101581
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11430	47614	BCE105273	23492	59676	KPN302217	35553	71737	SHA101588
11431	47615	BCE105292	23493	59677	KPN302220	35554	71738	SHA101591
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11433	47617	BCE105319	23495	59679	KPN302228	35556	71740	SHA101595
11434	47618	BCE105322	23496	59680	KPN302230	35557	71741	SHA101596
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11471	47655	BCE105897	23533	59717	KPN302470	35594	71778	SHA101692			
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11535	47719	BCE106925	23597	59781	KPN302749	35658	71842	SHA101967			
11536	47720	BCE106939	23598	59782	KPN302752	35659	71843	SHA101969			
11537	47721	BCE106941	23599	59783	KPN302758	35660	71844	SHA101974			
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11555	47739	BCE107142	23617	59801	KPN302840	35678	71862	SHA102028			
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11582	47766	BCE107571	23644	59828	KPN303054	35705	71889	SHA102166			
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11599	47783	BCE107754	23661	59845	KPN303134	35722	71906	SHA102248			
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11603	47787	BCE107845	23665	59849	KPN303140	35726	71910	SHA102260
11604	47788	BCE107846	23666	59850	KPN303149	35727	71911	SHA102263
11605	47789	BCE107847	23667	59851	KPN303155	35728	71912	SHA102268
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11608	47792	BCE107896	23670	59854	KPN303186	35731	71915	SHA102271
11609	47793	BCE107905	23671	59855	KPN303187	35732	71916	SHA102287
11610	47794	BCE107987	23672	59856	KPN303215	35733	71917	SHA102289
11611	47795	BCE107990	23673	59857	KPN303224	35734	71918	SHA102295
11612	47796	BCE107994	23674	59858	KPN303236	35735	71919	SHA102314
11613	47797	BCE108020	23675	59859	KPN303238	35736	71920	SHA102331
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11700	47884	BCE109553	23762	59946	KPN303671	35823	72007	SHA103321			
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12374	48558	BFR103716	24436	60620	LMO101222	36497	72681	SPA100379
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12614	48798	BFR11044	24676	60860	LMO102223	36737	72921	SPA101395			
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12637	48821	BFR11277	24699	60883	LMO102317	36760	72944	SPA101511			
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12657	48841	BFR11399	24719	60903	LMO102391	36780	72964	SPA101566			
12658	48842	BFR11403	24720	60904	LMO102393	36781	72965	SPA101582			
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12660	48844	BFR11417	24722	60906	LMO102397	36783	72967	SPA101586			
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12664	48848	BFR11427	24726	60910	LMO102429	36787	72971	SPA101599			
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12668	48852	BFR11469	24730	60914	LMO102454	36791	72975	SPA101612			
12669	48853	BFR11470	24731	60915	LMO102456	36792	72976	SPA101627			
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12683	48867	BFR11527	24745	60929	LMO102523	36806	72990	SPA101683			
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12699	48883	BFR11646	24761	60945	LMO102609	36822	73006	SPA101729			
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12704	48888	BFR11674	24766	60950	LMO102626	36827	73011	SPA101751
12705	48889	BFR11675	24767	60951	LMO102628	36828	73012	SPA101753
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12707	48891	BFR11690	24769	60953	LMO102636	36830	73014	SPA101758
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14710	50894	BPT100548	26772	62956	MCA100395	38833	75017	STM101403
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14931	51115	BPT101500	26993	63177	MCA101391	39054	75238	STM103352
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15400	51584	CAC100618	27462	63646	MLP100060	39523	75707	STY101786
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15889	52073	CAC103154	27951	64135	MPN100205	40012	76196	STY103994
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15944	52128	CAC103521	28006	64190	MPN100407	40067	76251	STY104231
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15963	52147	CAC103650	28025	64209	MPN100447	40086	76270	STY104333
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16007	52191	CBO100139	28069	64253	MPN100554	40130	76314	STY104571
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16072	52256	CBO100474	28134	64318	MPN100665	40195	76379	TPA100060
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16074	52258	CBO100493	28136	64320	MPN100667	40197	76381	TPA100062
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16080	52264	CBO100561	28142	64326	MTU200002	40203	76387	TPA100089
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16089	52273	CBO100615	28151	64335	MTU200053	40212	76396	TPA100104
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16547	52731	CBO103307	28609	64793	MTU202852	40670	76854	UUR100458
16548	52732	CBO103313	28610	64794	MTU202862	40671	76855	UUR100462
16549	52733	CBO103315	28611	64795	MTU202864	40672	76856	UUR100463
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DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID	DNA SeqID	Protein SeqID	Gene LocusID
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16552	52736	CBO103355	28614	64798	MTU202868	40675	76859	UUR100471
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16555	52739	CBO103360	28617	64801	MTU202871	40678	76862	UUR100475
16556	52740	CBO103373	28618	64802	MTU202878	40679	76863	UUR100479
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16558	52742	CBO103376	28620	64804	MTU202883	40681	76865	UUR100487
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16560	52744	CBO103379	28622	64806	MTU202886	40683	76867	UUR100490
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16565	52749	CBO103408	28627	64811	MTU202933	40688	76872	UUR100503
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16570	52754	CBO103442	28632	64816	MTU202944	40693	76877	UUR100513
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16587	52771	CBO103547	28649	64833	MTU203005	40710	76894	UUR100543
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16604	52788	CBO103642	28666	64850	MTU203187	40727	76911	UUR100577
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16620	52804	CBO103711	28682	64866	MTU203293	40743	76927	UUR100602
16621	52805	CBO103715	28683	64867	MTU203301	40744	76928	UUR100603
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16626	52810	CBO103750	28688	64872	MTU203341	40749	76933	UUR100611
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16630	52814	CBO103765	28692	64876	MTU203377	40753	76937	VCH100007
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16651	52835	CBO103886	28713	64897	MTU203475	40774	76958	VCH100112
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16659	52843	CBO103935	28721	64905	MTU203543	40782	76966	VCH100146
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16664	52848	CBO103956	28726	64910	MTU203558	40787	76971	VCH100165
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16666	52850	CBO103963	28728	64912	MTU203571	40789	76973	VCH100169
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16668	52852	CDF100007	28730	64914	MTU203575	40791	76975	VCH100185
16669	52853	CDF100009	28731	64915	MTU203589	40792	76976	VCH100188
16670	52854	CDF100014	28732	64916	MTU203594	40793	76977	VCH100192
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16747	52931	CDF100322	28809	64993	MTU409357	40870	77054	VCH100465
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16749	52933	CDF100334	28811	64995	MTU411238	40872	77056	VCH100468
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16752	52936	CDF100351	28814	64998	NGO100013	40875	77059	VCH100475
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16756	52940	CDF100360	28818	65002	NGO100030	40879	77063	VCH100482
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